

**DECLARATION AND POWER OF ATTORNEY  
FOR ORIGINAL U.S. PATENT APPLICATION**

Attorney's Docket No.: **P136S1**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **A SYSTEM AND METHOD FOR EMULATING A MULTIPLE INPUT, MULTIPLE OUTPUT TRANSMISSION CHANNEL** the specification of which, is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR § 1.56.

**Prior Foreign Application(s)**

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Priority Benefits Claimed?

_____	_____	_____	Yes ____	No ____
(Application No.)	(Country)	(Filing Date)		

**Provisional Application(s)**

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

_____	_____
(Application No.)	(Filing Date)

### Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

\_\_\_\_\_  
(Application No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Status - patented, pending, abandoned)

### Power of Attorney

And I hereby appoint **Brian R. Short, Esq. (Reg. No. 41,309)** as my principal attorney to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. I also hereby appoint **Mark A. Wilson, Esq. (Reg. No. 43,994), Thomas H. Ham, Esq. (Reg. No. 43,654), and all registered patent agents and patent attorneys of the law firm Wilson and Ham, 1811 Santa Rita Road, Suite 110, Pleasanton, California 94566** to transact any business in the Patent Office connected with the instant U.S patent application.

Direct Correspondence To:     Patent Department  
   Iospan Wireless  
   3099 N. First Street  
   San Jose, CA 95134

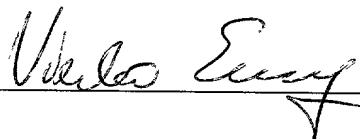
Direct Telephone Calls To: **Brian R. Short, Esq. at telephone number (408) 232-7500**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of:

First Inventor:                      Vinko Erceg


Citizenship:                      USA

Inventor's signature:                       Date: 8/28/2001

Residence:     (City)                      San Jose                      (State/Country)                      CA / US

Post Office Address:                      1440 Cedar Meadow Ct., San Jose, CA 95131

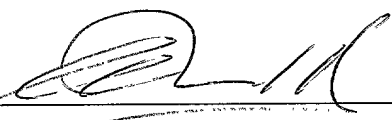
Second Inventor: Daniel Baum Citizenship: German

Inventor's signature:  Date: 8/28/, 2001

Residence: (City) San Jose (State/Country) CA / US

Post Office Address: 99 South 14<sup>th</sup> St., San Jose, CA 95112


Third Inventor: Arogyaswami J. Paulraj Citizenship: India

Inventor's signature:  Date: \_\_\_\_\_, 2001

Residence: (City) Stanford (State/Country) CA / US

Post Office Address: 59 Peter Coutts Hill, Stanford, CA 94305

Fourth Inventor: Victor Shtrom Citizenship: US

Inventor's signature:  Date: 8/28, 2001

Residence: (City) Sunnyvale (State/Country) CA / US

Post Office Address: 125-153 Connemara Way, Sunnyvale, CA 94087

**DECLARATION AND POWER OF ATTORNEY  
FOR ORIGINAL U.S. PATENT APPLICATION**

Attorney's Docket No.: **P136S1**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **A SYSTEM AND METHOD FOR EMULATING A MULTIPLE INPUT, MULTIPLE OUTPUT TRANSMISSION CHANNEL** the specification of which, is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR § 1.56.

**Prior Foreign Application(s)**

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International Application having a filing date before that of the application on which priority is claimed:

Priority Benefits Claimed?

_____ (Application No.)	_____ (Country)	_____ (Filing Date)	Yes ____	No ____
----------------------------	--------------------	------------------------	----------	---------

**Provisional Application(s)**

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

_____ (Application No.)	_____ (Filing Date)
----------------------------	------------------------

**Prior U.S. Application(s)**

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

\_\_\_\_\_  
(Application No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Status - patented, pending, abandoned)

**Power of Attorney**

And I hereby appoint **Brian R. Short, Esq. (Reg. No. 41,309)** as my principal attorney to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. I also hereby appoint **Mark A. Wilson, Esq. (Reg. No. 43,994), Thomas H. Ham, Esq. (Reg. No. 43,654), and all registered patent agents and patent attorneys of the law firm Wilson and Ham, 1811 Santa Rita Road, Suite 110, Pleasanton, California 94566** to transact any business in the Patent Office connected with the instant U.S patent application.

**Direct Correspondence To:** Patent Department  
Iospan Wireless  
3099 N. First Street  
San Jose, CA 95134

**Direct Telephone Calls To:** Brian R. Short, Esq. at telephone number (408) 232-7500

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of:

First Inventor:

Vinko Erceg

Citizenship:

USA

Inventor's signature:

*Vinko Erceg*

Date:

8/28/2001

Residence:

(City)

San Jose

(State/Country)

CA / US

Post Office Address:

1440 Cedar Meadow Ct., San Jose, CA 95131

Second Inventor: Daniel Baum Citizenship: German

Inventor's signature:  Date: 8/28/, 2001

Residence: (City) San Jose (State/Country) CA / US

Post Office Address: 99 South 14<sup>th</sup> St., San Jose, CA 95112

Third Inventor: Arogyaswami J. Paulraj Citizenship: India

Inventor's signature:  Date:           , 2001

Residence: (City) Stanford (State/Country) CA / US

Post Office Address: 59 Peter Coutts Hill, Stanford, CA 94305

Fourth Inventor: Victor Shtrom Citizenship: US

Inventor's signature:  Date: 8/28, 2001

Residence: (City) Sunnyvale (State/Country) CA / US

Post Office Address: 125-153 Connemara Way, Sunnyvale, CA 94087